

CLAIMS

1. A microbicidal composition comprising:
 - (a) at least one sulfur-containing s-triazine;
 - (b) at least one pyrithione compound; and
 - (c) at least one additional microbicide selected from 2-alkyl-4-isothiazolin-3-ones and halopropynyl carbamates.

2. The composition of claim 1 in which said at least one sulfur-containing s-triazine is at least one 2-N-alkyl-4-N-alkyl-6-alkylthio-1,3,5-triazine-2,4-diylamine, and said at least one 2-N-alkyl-4-N-alkyl-6-alkylthio-1,3,5-triazine-2,4-diylamine is present in a total amount from 1.5% to 15%.

3. The composition of claim 2 in which said at least one pyrithione compound is at least one pyrithione metal salt, and said at least one pyrithione metal salt is present in a total amount from 5% to 20%.

4. The composition of claim 3 in which said at least one additional microbicide is at least one 2-alkyl-4-isothiazolin-3-one.

5. The composition of claim 4 in which said at least one 2-alkyl-4-isothiazolin-3-one is at least one substituted or unsubstituted 2-(C₄-C₁₀) alkyl-4-isothiazolin-3-one, and said at least one substituted or unsubstituted 2-(C₄-C₁₀) alkyl-4-isothiazolin-3-one is present in a total amount from 0.2% to 7%.

6. The composition of claim 5 in which said at least one 2-N-alkyl-4-N-alkyl-6-alkylthio-1,3,5-triazine-2,4-diylamine is selected from the group consisting of 2-N-cyclopropyl-4-N-tert-butyl-6-methylthio-1,3,5-triazine-2,4-diylamine and 2-N-ethyl-4-N-tert-butyl-6-methylthio-1,3,5-triazine-2,4-diylamine, said at least one substituted or unsubstituted 2-(C₄-C₁₀) alkyl-4-isothiazolin-3-one is selected from the group consisting of 2-n-octyl-4-isothiazolin-3-one and 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one, and said at least one pyrithione metal salt is zinc pyrithione.

7. The composition of claim 3 in which said at least one additional microbicide is at least one halopropynyl carbamate, and said at least one halopropynyl carbamate is present in a total amount from 1% to 5%.

8. The composition of claim 7 in which said at least one halopropynyl carbamate is at least one 3-iodo-2-propynyl carbamate, said at least one 2-N-alkyl-4-N-alkyl-6-alkylthio-1,3,5-triazine-2,4-diylamine is selected from the group consisting of 2-N-cyclopropyl-4-N-tert-butyl-6-methylthio-1,3,5-triazine-2,4-diylamine and 2-N-ethyl-4-N-tert-butyl-6-methylthio-1,3,5-triazine-2,4-diylamine, and said at least one pyrrithione metal salt is zinc pyrrithione.

9. The composition of claim 3 in which said at least one additional microbicide comprises at least one 2-alkyl-4-isothiazolin-3-one and at least one halopropynyl carbamate.

10. The composition of claim 9 in which said at least one halopropynyl carbamate is at least one 3-iodo-2-propynyl carbamate, said at least one 2-N-alkyl-4-N-alkyl-6-alkylthio-1,3,5-triazine-2,4-diylamine is selected from the group consisting of 2-N-cyclopropyl-4-N-tert-butyl-6-methylthio-1,3,5-triazine-2,4-diylamine and 2-N-ethyl-4-N-tert-butyl-6-methylthio-1,3,5-triazine-2,4-diylamine, said at least one substituted or unsubstituted 2-(C₄-C₁₀) alkyl-4-isothiazolin-3-one is selected from the group consisting of 2-n-octyl-4-isothiazolin-3-one and 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one, and said at least one pyrrithione metal salt is zinc pyrrithione.